

ABSTRACT

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The present occupant protective apparatus comprises a vehicle body in which a portion to be deformed on receiving a collision load (in the illustrated embodiment, the front side frames) is formed at least in front of a vehicle room (3), a structure made of a rigid body supported on the vehicle body in such a manner that it is movable backward on receiving the collision load (in the illustrated embodiment, the engine 6), seats (8) each including a seat belt (9) for constraining an occupant seated on the seat (8) and supported on the vehicle body so as to be movable in the back-and-forth direction of the vehicle body, and power transmission mechanism for transmitting the backward movement of the structure to thereby move the seats (8) backward (in the illustrated embodiment, the cable 13). With use of the present occupant protective apparatus, the structure such as the engine is allowed to move backward as soon as a vehicle collision occurs and, with the backward movement of the structure, the seats can also be moved backward. Due to this, in the early stage of the vehicle collision, in the seats and seat belts, there is generated deceleration which is higher than the deceleration of the passenger room of the vehicle body, thereby being able to enhance the occupant constraining forces that are given by the seat belts.